
Date **November 07, 1999**
To : **Primary Examiner Thong Nguyen**
 Art unit 2872
From : **Goulven VERNONIS**
 1 RUE DES Chalets
 78140 VELIZY France
 Fax 33 01 34 65 31 39
 Application 08/809620

4 pages, with this

Dear Sir,

Please, find here substitute claims (TE991015), in better accordance with 37 CFR 1.121 and 1.125.

Please, find here pages 2 and 3 of substitute specification (TE991101) with indices bracketed for cancellation :

page 2, line 15 ,"74";
page 3, line 7, "45.4 and 46.4";
page 3, line 27, "and 67.1";
page 3, line 28, "65.8";

Sincerely yours

Goulven VERNONIS

CLAIMS

1 (amended). Optical device comprising a mirror and a device actuating the mirror, characterized in that the mirror and the actuating device are independent concave membranes called membranous mirror and actuating membrane.

14 (amended) - Optical device according to claim 1 characterized in that the actuating membrane and the membranous mirror are made totally or partially of a material having shape memory.

15 (amended)- Optical device according to claim 1 characterized in that, for their folding, the concave actuating membrane and the concave membranous mirror are made quasi plane by the formation of concentric circular undulations obtained by a succession of centered distortion alternately concave and convex, and the quasi plane one thus obtained rolled up on itself according to a diameter.

18 (amended)- Optical device according to claim 1 characterized in that the actuating membrane and the membranous mirror are obtained by material deposit on a liquid contained in a container rotating around a vertical axis.

19 (amended)- Optical device according to claim 1 characterized in that the membranous mirror and the actuating membrane have central and/or peripheral flanges

44- Optical device according to claim 1 characterized in that the distance between the

actuating membrane and the membranous mirror is monitored permanently by capacitive coupling between said actuating membrane and said membranous mirror.

New claim 45

On november 19, 1999, applicant sent a fax at 12h 30 (french hour).

DATE november 19, 1999

**TO Primary Examiner Thong Q. Nguyen
 Art Unit 2872**

**FROM Goulven VERNOS
 1 rue des Chalets
 78140 VELIZY
 France**

Application 08/809 620

Dear Sir,

a) I ask for a new claim :

45- Optical device according to claim 18 characterized in that a ring, on which the materials constituting a membrane can be deposited, is fixed in a removable way on the revolving container, and in that the said ring allows the handling of the membrane.

b) I ask for amendment of the substitute description, page 4, line 9, by cancellation of the 7 bracketed words.

Present text : « ... obtained can be (first) scrolled lengthwise (and then rolled in a cercle). »

Amended text : « ...obtained can be scrolled lengthwise. »

Sincerely yours

Goulven VERNONIS

CLAIMS

1. Optical device comprising a mirror and a device actuating the mirror,
characterized in that the mirror and the actuating device are independent concave membranes (called membranous mirror and actuating membrane).
- 14- Optical device according to claim 1 characterized in that the actuating membrane and the membranous mirror are made totally or partially of a material having shape memory.
- 15- Optical device according to claim 1 characterized in that, for their folding, the concave actuating membrane and the concave membranous mirror are made quasi plane by the formation of concentric circular undulations obtained by a succession of centred distortion alternately concave and convex, and the quasi plane one thus obtained rolled up on itself according to a diameter.
- 18- Optical device according to claim 1 characterized in that the actuating membrane and the membranous mirror are obtained by material deposit on a liquid contained in a container rotating around a vertical axis.
- 19- Optical device according to claim 1 characterized in that the membranous mirror and the actuating membrane have central and/or peripheral flanges
- 44- Optical device according to claim 1 characterized in that the distance between the actuating membrane and the membranous mirror is monitored permanently by capacitive coupling between said actuating membrane and said membranous mirror.
- 45- Optical device according to claim 18 characterized in that a ring, on which the materials constituting a membrane can be deposited, is fixed in a removable way on the revolving container, and in that the said ring allows the handling of the membrane.
-

New claim 44:

44. Optical device according to claim 1 characterized in that the distance between the actuating membrane and the membranous mirror is monitored permanently by capacitive coupling between said actuating membrane and said membranous mirror.
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3) DRAWINGS

The selected (no cancelled) figures are on the former sheets 6/15 (former figures 18, 19, 20), 9/15 (former figures 31, 32, 36, 37), and 10/15 (former figures 38, 39, 43).